DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael Lee on 07/19/07.

The application has been amended as follows:

a. In claim ~~1~~ 3, line 10, after "identify", delete "the", and before "solution" insert -- said shortest --.

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b. In claim ~~1~~ 3, line 11, after "identify", delete "the", and before "solution" insert -- said shortest --.

c. In claim ~~1~~ 3, line 13, before "amplifier", replace "the" for -- an --.

d. In claim ~~1~~ 3, line ~~11~~ 13, after "sequence constraints" insert --, wherein said shortest solution is used for generation of said magnetic gradient --.

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e. In claim 9, line 10, after "identify", delete "the", and before "solution" insert -- said shortest --.

f. In claim 9, line 12, after "optimization" insert --, wherein said shortest solution is used for generation of said magnetic gradient --.

g. In claim 10, line 4, replace "gardient" with -- gradient --.